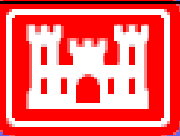


SEAWALL REPAIR GENERAL NOTES (Sheets 2, 3, 4, 5 of 8):

- 1. The information presented on these sheets represents the results of a photo survey performed during July of 2003 and can only be considered as indicating the conditions existing at that time.**
- 2. Hydroblast granite face stones to remove algae, moss, dirt and other contaminants. Hydroblast in and around joints to remove loose mortar and debris.**
- 3. Hydroblast exposed concrete seawall to remove algae, moss, dirt and other contaminants at locations of displaced stones. Manually remove old grout and loose, disintegrated concrete.**
- 4. If required, chip back to sound concrete at locations of displaced stones. Replace disintegrated concrete.**
- 5. Repair broken granite inset stones.**
- 6. Reset displaced and loose stones. Provide new horizontal epoxy coated tie anchors embedded into sound seawall concrete and resting in the mortar beds. Stones to be reset one course at a time. Shore as required.**
- 7. Pressure grout only at hard to reach locations above the upper stones after the upper displaced stones are set.**
- 8. Repoint the entire length of granite seawall face.**

(See specifications.)



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**STATUE OF
LIBERTY/
ELLIS ISLAND
NATIONAL
MONUMENT**

**SEAWALL
REPAIR
ELEVATIONS**

**South of East
Landing Pier
(Shuttle Pier)
Stations
3+21 TO 1+95**

Prepared by:
J.Lauletta-Weinmann
August 2003
CONTRACT NO.

Sheet 2 of 8



- Notes:**
- 1. Station 3+21 northward towards East Landing (Shuttle Pier)**
 - 2. Station 3+21 = Station 12+59 (+/-) Reference 1982 As Built Dwgs.**
 - 3. Station 1+95 = Station 11+33 (+/-) Reference 1982 As Built Dwgs.**





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STATUE OF LIBERTY/ ELLIS ISLAND NATIONAL MONUMENT

SEAWALL REPAIR ELEVATIONS

South of East
Landing Pier
(Shuttle Pier)
Stations
1+95 TO 0+90

Prepared by:
J.Lauletta-Weinmann
August 2003
CONTRACT NO.

Sheet 3 of 8



- Notes:**
- 1. Station 1+95 = Station 11+33 (+/-) Reference 1982 As Built Dwgs.**
 - 2. Station 0+90 = Station 10+28 (+/-) Reference 1982 As Built Dwgs.**





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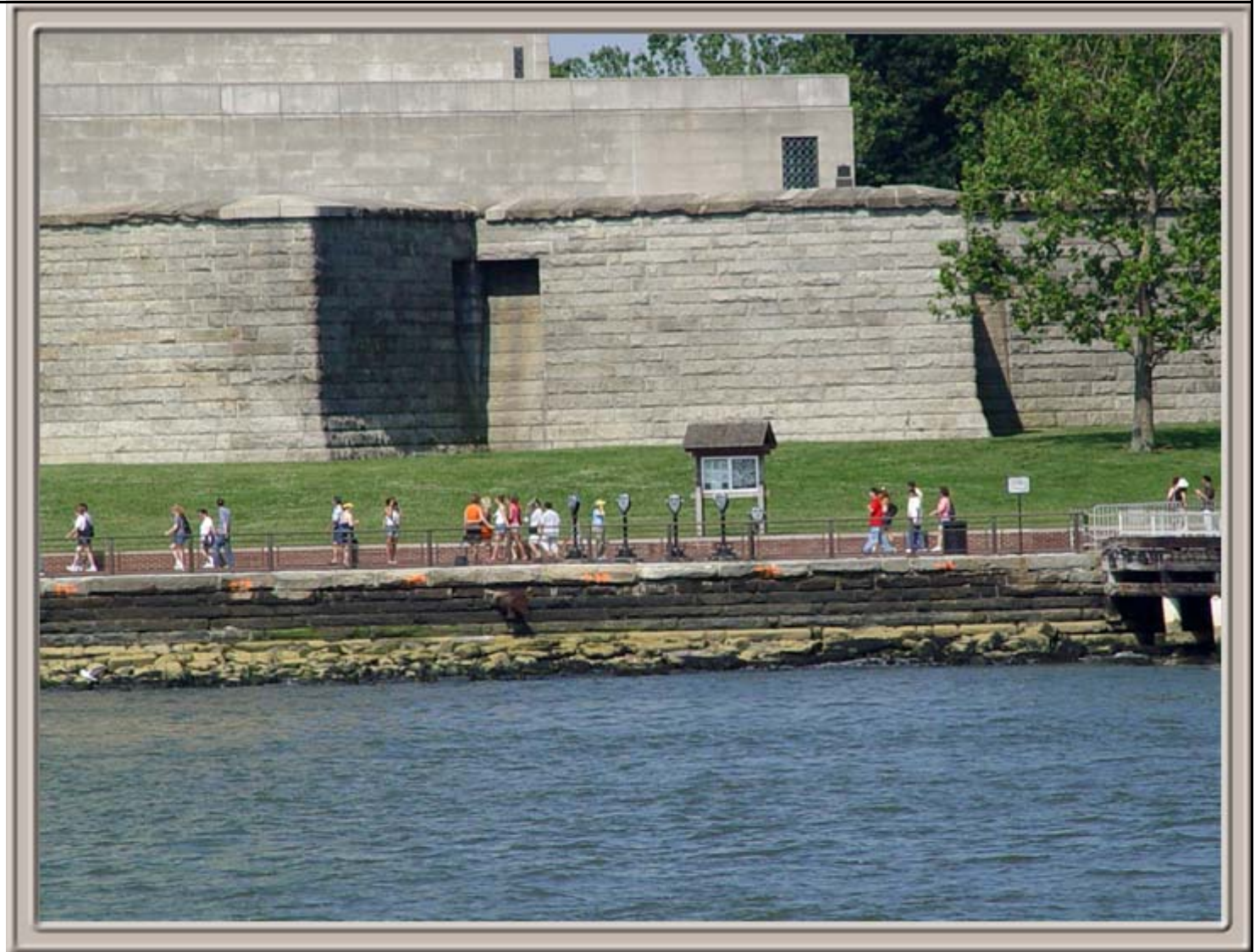
**STATUE OF
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NATIONAL
MONUMENT**

**SEAWALL
REPAIR
ELEVATIONS**

**South of East
Landing Pier
(Shuttle Pier)
Stations
0+90 TO 0+00**

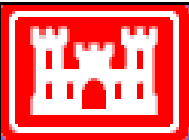
Prepared by:
J.Lauletta-Weinmann
August 2003
CONTRACT NO.

Sheet 4 of 8



**Notes: 1. Station 0+90=Station 10+28 (+/-) Reference 1982 As Built Dwgs.
2. Station 0+00=Station 9+38 (+/-) Reference 1982 As Built Dwgs.**





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**STATUE OF
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**SEAWALL
REPAIR
ELEVATIONS**

**North of East
Landing Pier
(Shuttle Pier)
Stations
0+00 TO 2+09**

**Prepared by:
J.Lauletta-Weinmann
August 2003
CONTRACT NO.**

Sheet 5 of 8



Notes:

- 1. Station 0+00 Commences at Pier.**
- 2. Station 0+00 = Station 9+24 (+/-) Reference 1982 As Built Dwgs.**
- 3. Station 2+09 = Station 7+15 (+/-) Reference 1982 As Built Dwgs.**



11



Photo Detail - 6

15



Reset displaced stones(typical).

16

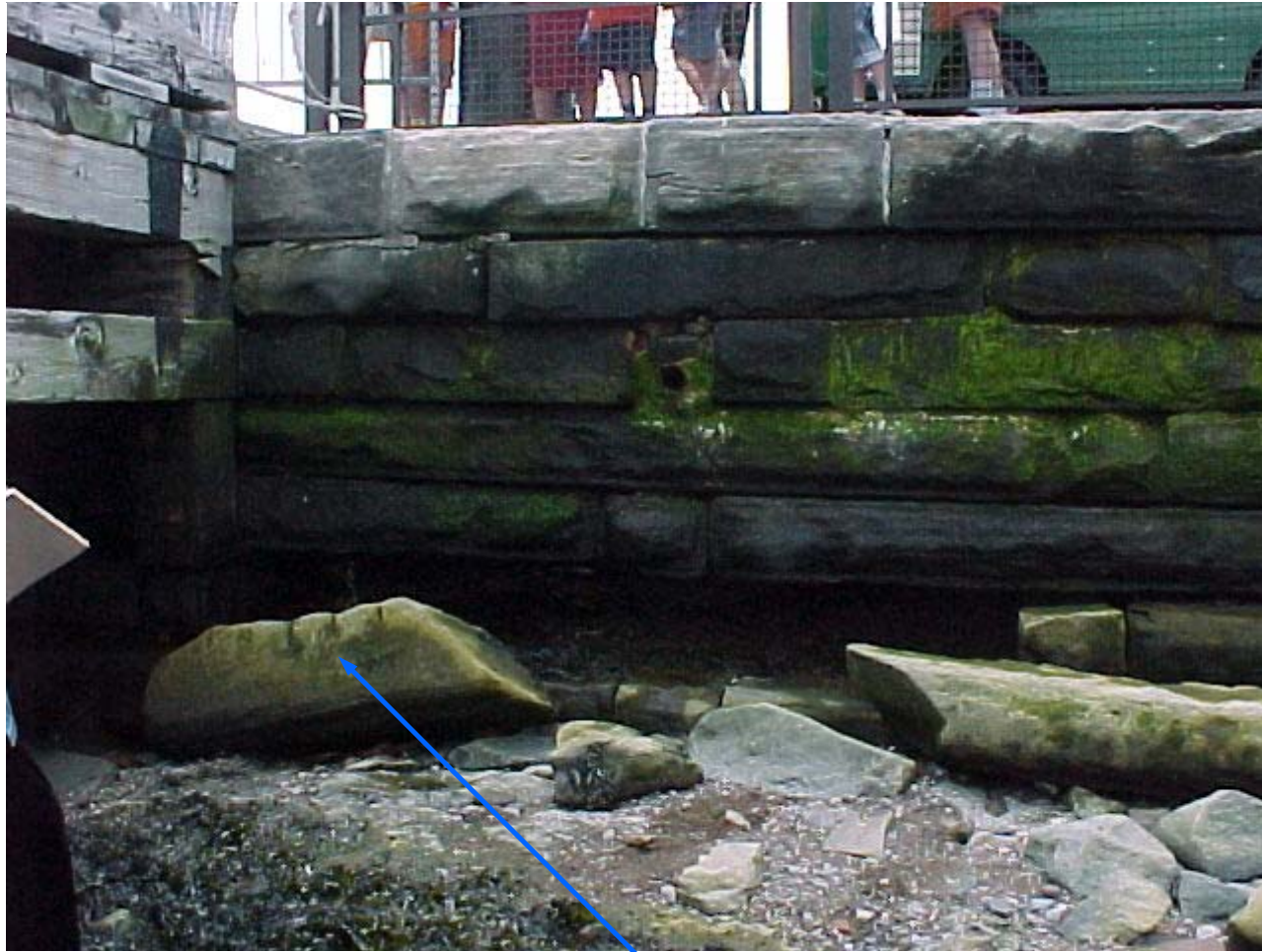


Hydroblast exposed concrete (typical).

Chip back to sound concrete, if required (typical).

Manually remove old grout and loose, disintegrated concrete. Replace disintegrated concrete (typical).

2



Reset displaced stones (typical).



Hydroblast granite face of stones & Repoint (typical).

Hydroblast exposed concrete (typical).

Chip back to sound concrete, if required (typical).

Manually remove old grout and loose, disintegrated concrete. Replace disintegrated concrete (typical).

6



Hydroblast granite face stones and Repoint (typical).

8



**Hydroblast granite face stones
and Repoint (typical).**

8



Photo Details - 1 to 4

9



Photo Details - 5 & 7

**Reset Displaced Stones
(typical).**

Photo 9 Plan Sheet 3 of 8

16



Photo Detail - 1

Photo Detail 1 Plan Sheet 3 of 8

17



Photo Detail - 2

Photo Detail 2 Plan Sheet 3 of 8



Photo Detail - 3

Hydroblast exposed concrete (typical).

Chip back to sound concrete, if required (typical).

19



Photo Detail - 4

Manually remove old grout and loose, disintegrated concrete. Replace disintegrated concrete (typical).

20

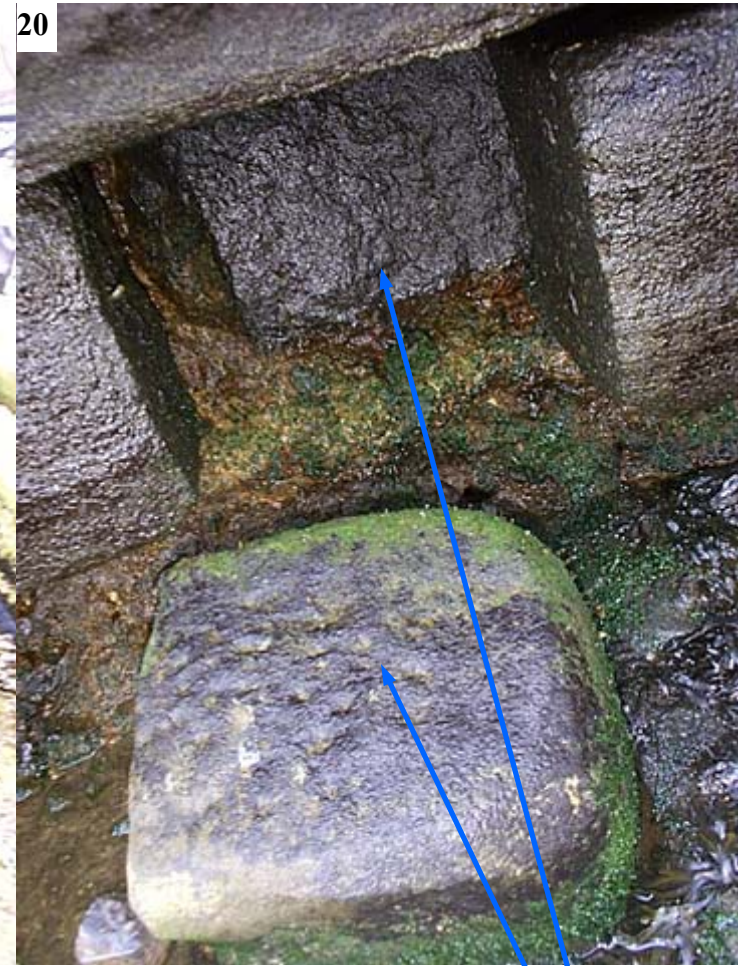


Photo Detail - 5

Repair broken inset stones (typical).

21



Photo Detail - 6

22



Photo Detail - 7

Existing Grout Pipe